

## ABSTRACT

The present invention provides a compact format lighting module that can provide a desired level of mixing and collimating of light generated by multiple light-emitting elements within the lighting module. The lighting module comprises two or more light-emitting elements for generating light having one or more colours, wherein the light-emitting elements can be configured into a closely packed array. The module further comprises a primary optical system enabling light extraction from the light-emitting elements to which it is optically coupled. A secondary optical system that is optically coupled to the primary optical system and is configured to be compatible with the primary optical system and provides a means for mixing and collimating the light extracted from the two or more light-emitting elements.